



PATENT

Customer No. 22,852

Attorney Docket No. 09812.0501 (Formerly 450101-02654)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Tomoyuki ASANO et al.

Application No.: 09/807,824

Filed: April 18, 2001

For: DATA TRANSMITTING  
SYSTEM AND METHOD,  
DRIVE UNIT, ACCESS  
METHOD, DATA, RECORDING  
MEDIUM, RECORDING  
MEDIUM PRODUCING  
APPARATUS AND METHOD

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Group Art Unit: 2131

Examiner: Not Yet Assigned

Confirmation Number: 6164

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUBMISSION OF REVOCATION OF ORIGINAL POWER OF ATTORNEY AND GRANT OF  
NEW POWER OF ATTORNEY WITH CHANGE OF CORRESPONDENCE ADDRESS**

Enclosed is a Revocation of Original Power of Attorney and Grant of New Power of Attorney for filing in the U.S. Patent and Trademark Office. Please associate the enclosed Revocation and Grant of Power of Attorney with this file. Please also note that the Attorney Docket Number for this application is now 09812.0501.

If there is any other fees due in connection with the filing of this paper, please charge the fees to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By:

David W. Hill  
Reg. No. 28,220

DATED: OCT 20 2005

DWH/FPD/pan  
Enclosures



## PATENT

### POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application in the attached statement under 37 C.F.R. § 3.73(b).

I hereby grant power of attorney to FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. Customer Number 22,852, as attorneys or agents to represent the undersigned before the United States Patent and Trademark Office in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 C.F.R. § 3.73(b).

Please also send all future correspondence concerning the application identified in the attached statement under 37 C.F.R. § 3.73(b) to Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., Customer Number 22,852.

The undersigned understands that a copy of this form, together with a statement under 37 C.F.R. § 3.73(b) is required to be filed in each application in which this form is used. The statement under 37 C.F.R. § 3.73(b) may be completed by one of the practitioners appointed in this form, if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which the Power of Attorney is to be filed.

The individual whose signature and title is supplied below is authorized to act on

behalf of the assignee.

Date: July 27, 2005

Name: Koichi Wada

Title: Manager, Intellectual Property Division

Signature: Koichi Wada



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

AUGUST 06, 2001

PTAS



\*101728156A\*

FROMMER LAWRENCE & HAUG LLP  
WILLIAM S .FROMMER  
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**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/18/2001

REEL/FRAME: 011814/0510  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
ASANO, TOMOYUKI

DOC DATE: 03/27/2001

ASSIGNOR:  
OSAWA, YOSHITOMO

DOC DATE: 03/27/2001

ASSIGNEE:  
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SHINAGAWA-KU  
TOKYO 141-0001, JAPAN

SERIAL NUMBER: 09807824  
PATENT NUMBER:

FILING DATE: 04/18/2001  
ISSUE DATE:

SHARON BROOKS, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

**DOCKETED**

Frommer, Lawrence & Haug, LLP  
04/18/2001 A 0:16

RECORDATION FORM COVER SHEET

PATENTS ONLY

532 Rec

PCT/PTO

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18 APR 2001

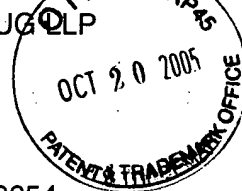
AYD58140

05-23-2001



101728156

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Attorney Docket No. 450101-02654

Applicant(s) : ASANO, et al.

For : DATA TRANSMITTING SYSTEM AND METHOD,  
DRIVE UNIT, ACCESS METHOD, DATA RECORDING  
MEDIUM, RECORDING MEDIUM PRODUCING  
APPARATUS AND METHOD

Corresponding Int'l Appln. : PCT/JP00/05543

MRD 4-18-01

International Filing Date : 18 August 2000

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

1. Names of Conveying Parties : Tomoyuki ASANO, Yoshitomo OSAWA

2. Names and addresses of receiving parties : Sony Corporation  
7-35 Kitashinagawa 6-Chome,  
Shinagawa-Ku, Tokyo 141-0001, Japan

3. Nature of Conveyance : Assignment.  
Execution Dates : March 27, 2001.

4. ☐ Application No.: 09807824  
☒ This document is being filed together with a new application, the execution date of the  
application is: March 27, 2001.

5. Name and address of party to whom the recorded assignment and any correspondence concerning  
the document should be mailed:

William S. Frommer, Registration No. 25,506  
FROMMER LAWRENCE & HAUG LLP  
745 Fifth Avenue  
New York, New York 10151.

6. Total number of applications and patents involved: 1.

7. Total Fee (37 CFR 3.41): \$40.00.  
☒ Fee enclosed, Check No. 15177.

8. ☐ Charge Fee Deposit Account No. 50-0320 (Attach duplicate copy of this page if paying by deposit account).  
☒ If any additional fee is required, authorization is hereby given to charge  
Deposit Account No. 50-0320.

9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached  
copy is a true copy of the original document.

William S. Frommer, Esq.  
Name of Person Signing

*William S. Frommer*  
Signature

April 18, 2001  
Date

04/23/2001 UEDUVIJE 00000044 09807824

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## ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

**DATA TRANSMITTING SYSTEM AND METHOD, DRIVE UNIT, ACCESS METHOD, DATA RECORDING MEDIUM, RECORDING MEDIUM PRODUCING APPARATUS AND METHOD**

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, SONY CORPORATION, a Japanese corporation, with offices at 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 Japan (hereinafter referred to as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: International Serial Number: PCT/JP00/05543, International Filing Date: 18 August 2000.

This assignment executed on the dates indicated below.

Tomoyuki ASANO

Name of first or sole inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of first or sole inventor

Tomoyuki Asano  
Signature of first or sole inventor

March 27, 2001  
Date of this assignment

Yoshitomo OSAWA

Name of second inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of second inventor

Yoshitomo Osaawa  
Signature of second inventor

March 27, 2001  
Date of this assignment